

Title (en)

Film projection gate.

Title (de)

Projektionsbildfenster.

Title (fr)

Fenêtre de projection de films.

Publication

**EP 0017385 A1 19801015 (EN)**

Application

**EP 80300836 A 19800319**

Priority

US 2175779 A 19790319

Abstract (en)

A film projection gate for a photographic printer provides improved structure (4, 5, 6, 8) for directing cooling air across the surfaces of supported film (F). An orifice (O1) for air entering the projection zone is positioned and shaped to create Coanda effect attachment of the cooling air to the film surface thereby reducing turbulence and efficiently cooling the film.

IPC 1-7

**G03B 1/48**; **G03B 21/16**

IPC 8 full level

**G03B 27/62** (2006.01); **F15C 1/08** (2006.01); **G03B 1/48** (2006.01); **G03B 21/16** (2006.01); **G03B 27/52** (2006.01); **G03B 27/58** (2006.01); **G03G 15/04** (2006.01)

CPC (source: EP US)

**G03B 1/48** (2013.01 - EP US); **G03B 21/16** (2013.01 - EP US); **G03B 27/58** (2013.01 - EP US)

Citation (search report)

- DE 2450417 A1 19760429 - AGFA GEVAERT AG
- DE 550667 C 19320513 - BAUER EUGEN GMBH
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- [A] DE 1237356 B 19670323 - ERICH ZILLMER
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Cited by

GB2218668A; US4954393A; EP0620121A2

Designated contracting state (EPC)

CH DE FR GB

DOCDB simple family (publication)

**EP 0017385 A1 19801015**; **EP 0017385 B1 19830511**; DE 3063034 D1 19830616; JP H0228854 B2 19900626; JP S55126265 A 19800929; US 4257695 A 19810324

DOCDB simple family (application)

**EP 80300836 A 19800319**; DE 3063034 T 19800319; JP 3574480 A 19800319; US 2175779 A 19790319